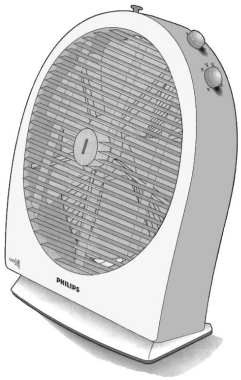
BOX FAN
HR 3287

Service
Service
Service



Philips Domestic Appliances and Personal Care

ServiceManual

PRODUCT INFORMATION

The HR 3287 is a box fan with 3 fan speeds, a timer and a rotating louvre.

Available voltages	: 220 - 240 V / 50-60 Hz 110 - 127 V / 50-60 Hz
Fan blade size	: 12 " or 30 cm
Timer	: max 3 hours
Switches for	: - ON / OFF louvre rotation - speed selection fan.
Fan speed selector	: 4 positions 0-1-2-3
Air displacement	: max. 55 m^3 / min
Power consumption	: 55 Watts

Safety switch
Red pilot lamp
Adjustable inclination angle 0 - 7.5° - 15°
Internal cord storage

Product meets the requirements regarding interference suppression on radio and T.V.

Safety switch : The automatic safety switch will switch off the fan, when it's lifted or turned over during operation

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4822 729 21566
96/01
PCS 86 669

PHILIPS

DISASSEMBLY ADVICE

GRILLE 1

To replace grille:
remove **Screw A (2x)**
remove **Lock plate 2**

ORNAMENTAL PLATE 3

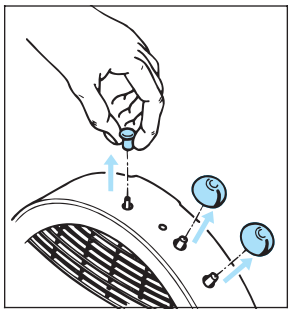
To replace plate:
remove **Grille 1**
remove **Screw B (2x)**

FAN BLADE 5

To replace fan blade:
remove **Grille 1**
remove **Cap fan 4**

TIMER KNOB 6
SPEED CONTROL KNOB 6
KNOB LOUVRE ROTATION 7

To replace knobs



TIMER 8
ADAPTER TIMER 9
ADAPTER SPEED CONTROL 10
LOUVRE SWITCH 11
CORDSET 101
PILOT LAMP 14

For replacement:
remove **Timer knob 6**
remove **Speed control knob 6**
remove **Knob louvre switch 7**
remove **Grille 1**
remove **Screw C (8x)**
remove **Rear housing 102**
remove / unsolder wires

CAPACITOR 12
LOUVRE MOTOR 13

For replacement
remove **Timer knob 6**
remove **Speed control knob 6**
remove **Knob louvre switch 7**
remove **Grille 1**
remove **Screw C (8x)**
remove **Rear housing 102**
remove **Screw I Capacitor (Ix)**
remove **Screw J**
Louvre motor (2x)
unsolder wiring

SWITCH PLATE 15
SWITCH SPEED CONTROL 16

remove **Timer knob 6**
remove **Speed control knob 6**
remove **Knob louvre switch 7**
remove **Grille 1**
remove **Screw C (8x)**
remove **Rear housing 102**
remove **Screw D (2x)**
remove **Switch plate 15**
remove **Screw E (2x)**
remove **components**
unsolder wires

MOTOR 17

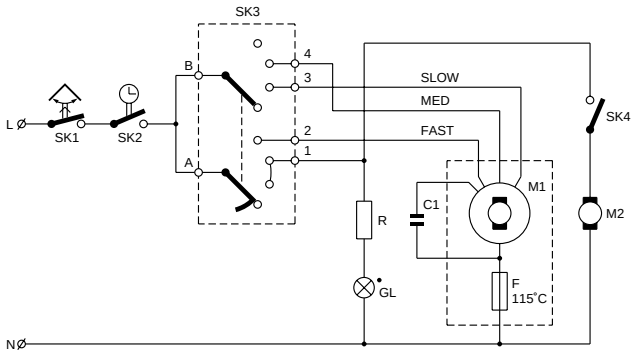
remove **Timer knob 6**
remove **Speed control knob 6**
remove **Knob louvre switch 7**
remove **Grille 1**
remove **Fan blade 5**
remove **Srew C (8x)**
remove **Rear housing 102**
remove **Screw F (4x)**
remove **Motor mount 103**
remove **Screw G (4x)**
remove / unsolder wires

SAFETY SWITCH 19
KNOB SAFETY SWITCH 18

for replacement
remove **Rubber feet 22 (4x)**
remove **Screw H (4x)**
remove **Bottom plate 105**
remove / unsolder wiring

PARTS LIST HR 3287

POS.	DESCRIPTION	SERVICE CODE
1	GRILLE	4822 458 10479
2	LOCK PLATE	4822 466 10954
3	ORNAMENTAL PLATE	4822 466 10955
4	FAN CAP	4822 462 10693
5	FAN BLADE	4822 515 10053
6	TIMER / SPEED CONTROL	4822 410 10378
7	PUSH BUTTON LOUVRE	4822 410 10379
8	TIMER 220-240 VOLT	4822 282 10283
8	TIMER 110-127 VOLT	4822 282 10284
9	ADAPTER TIMER KNOB	4822 263 21098
10	APAPTER SPEED CONTROL	4822 263 21099
11	SWITCH LOUVRE 110-240 V	4822 276 13706
12	CAPACITOR 220-240 V	4822 121 10522
12	CAPACITOR 110-127 V	4822 121 10523
13	OSCILL. MOTOR 220-240 V	4822 361 10814
13	OSCILL. MOTOR 110-127 V	4822 361 10815
14	PILOT LAMP 220-240 V	4822 134 10026
14	PILOT LAMP 110-127 V	4822 134 10027
15	SWITCH PLATE	4822 466 10956
16	CONTR. SWITCH 110-240 V	4822 273 10306
17	MOTOR 220-240 V	4822 361 10816
17	MOTOR 110-127 V	4822 361 10817
18	SAFETY KNOB	4822 410 10381
19	SAFETY SWITCH 220-240 V	4822 276 13707
19	SAFETY SWITCH 110-127 V	4822 276 13708
20	FIXING NUT LOUVRE	4822 505 11217
21	LOUVRE + BEARING BUSH	4822 458 10481
22	RUBBER FOOT	4822 462 10694



CIRCUIT DIAGRAM

SK1 = SAFETY SWITCH
SK2 = TIMER
SK3 = SPEED SELECTOR SWITCH
SK4 = SWITCH LOUVER MOTOR
M1 = MOTOR FAN
M2 = LOUVER MOTOR

IMPORTANT

* IN SOME CASES THE CONNECTION POINTS BETWEEN WIRING AND ELECTRICAL COMPONENTS HAVE BEEN INSULATED.
AFTER REPLACEMENT OF A COMPONENT, MAKE SURE THAT THE ELECTRICAL INSULATION OF THE CONNECTION POINTS HAS BEEN RESTORED BY FITTING THE REGULAR SLEEVE.
IF THIS REGULAR SLEEVE CANNOT BE USED ANYMORE, REPLACE IT WITH A NEW ONE OR USE INSULATING TAPE, TAKING CARE A PROPER AND SAFE INSULATION IS REALIZED.

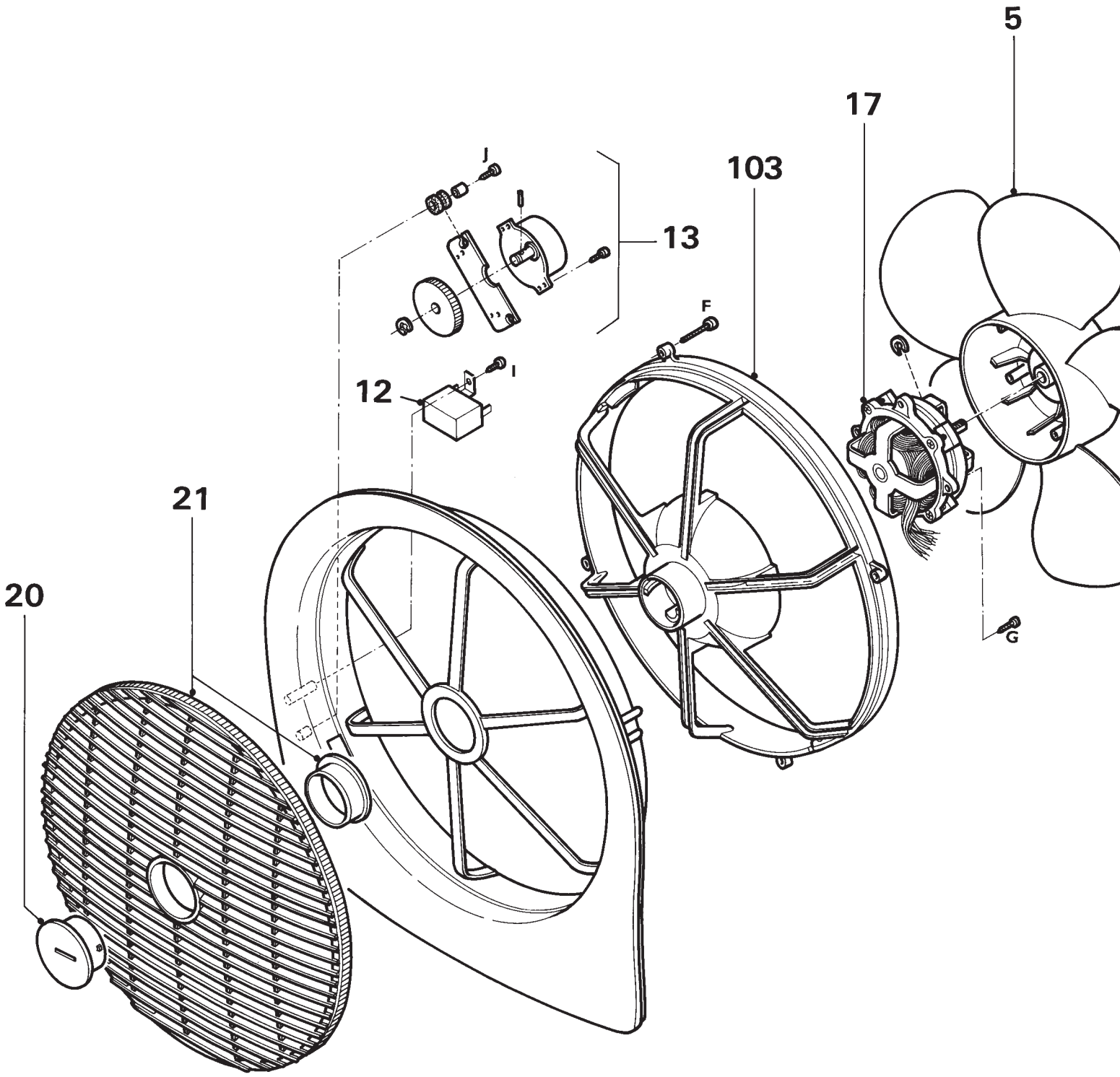
* AFTER THE PRODUCT HAS BEEN REPAIRED, IT SHOULD FUNCTION PROPERLY AND HAS TO MEET THE SAFETY REQUIREMENTS AND LEGAL REGULATIONS AS LAID DOWN AND OFFICIALLY ESTABLISHED AT THIS MOMENT.

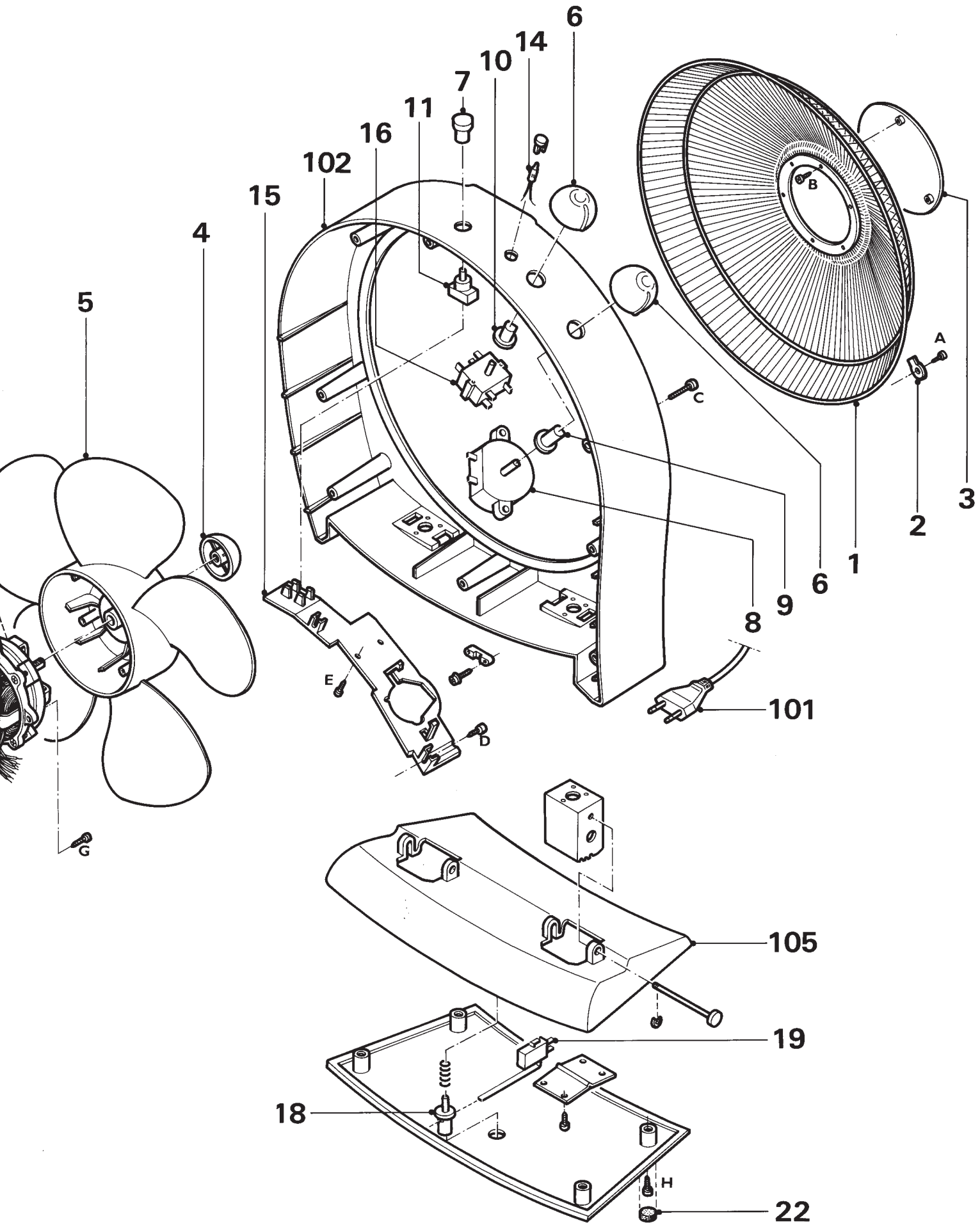
* PARTST, WITH NUMBERS FROM 100 UPWARDS, CANNOT BE ORDERED SEPARATELY.

EXPLODED VIEW HR3287

Screws (d x l)

A	3.0	x	7
B	3.0	x	7
C	3.5	x	20
D	3.0	x	12
E	3.0	x	12
F	3.5	x	13
G	3.0	x	16
H	3.5	x	13
I	3.5	x	13
J	3.0	x	16





PCS 86 851